



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): TANABE et al.	Atty. Docket: 15-041
Serial No.: 10/654,981	Group Art Unit: 2632
Filed: September 5, 2003	Examiner: TBD
Title: PASSENGER DETECTOR AND METHOD OF ADJUSTING THE SAME	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT UNDER 37 CFR 1.48(a)(2)**

Sir:

I, Satoshi Goshima, hereby state that I was originally omitted as a named inventor in the above identified pending U.S. patent application, and that such error in inventorship occurred without deceptive intention on my part.

Date: March 04, 2004

By: S. Goshima  
Satoshi Goshima



Posz & Bethards, PLC

Supplemental Declaration and Power of Attorney for Patent Application  
特許出願宣誓書及び委任状  
Japanese Language Declaration  
日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、郵便住所、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して特許請求の範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者(下記の氏名が一つの場合)もしくは最初かつ共同発明者であると(下記の名称が複数の場合)信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PASSENGER DETECTOR AND METHOD OF ADJUSTING THE SAME

上記発明の明細書(下記の欄で×印がついていない場合は、本頁に添付)は、

the specification of which is attached hereto unless the following box is checked:

☐ \_\_\_\_\_に提出され、米  
国出願番号または PCT 国際出願番号を  
\_\_\_\_\_とし、  
(該当する場合) \_\_\_\_\_に補正されました。

☒ was filed on September 5, 2003  
as United States Application Number or PCT  
International Application Number 10/654,981  
and was amended on \_\_\_\_\_  
(if applicable).

私は、特許請求範囲を含む上記補正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1.56項に規定されるとおり、特許性の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

私は、以下に記載する特許もしくは発明者証の外国出願について米国法典第35編119条(a)-(d)項又は365条(b)項に基づく外国優先権を、又は以下に記載する米国以外の国の少なくとも一カ国を指定している PCT 国際出願について米国法典第35編365(a)項に基づく外国優先権をここに主張するとともに、優先権を主張している本出願の前に出願された特許もしくは発明者証の外国出願又は PCT 国際出願を、枠内をマークすることで以下に示します。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application for which priority is claimed.

# Japanese Language Declaration (日本語宣言書)

Prior Foreign Application(s)

Priority Not Claimed

外国での先行出願

(優先権主張なし)

1. 2002-289724

JAPAN

02/OCTOBER/2002

☐

	(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	
2.				<input type="checkbox"/>
3.				<input type="checkbox"/>
4.				<input type="checkbox"/>
5.				<input type="checkbox"/>
6.				<input type="checkbox"/>
7.				<input type="checkbox"/>

☐ Additional Foreign Application(s) is(are) listed on the attached sheet which is incorporated herein by reference.

私は、下記の米国仮特許出願について第35編米国法典19条(e)項に基づく権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

私は、下記の米国特許出願について米国法典第35編120条に基づく権利、又は米国を指定している下記のPCT国際出願について米国法典第35編365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1段で規定された方法で先行する米国特許出願又はPCT国際出願に開示されていない限り、その先行出願の出願日以降で当該国内出願又はPCT国際出願の出願日までの期間中に入手された、連邦規則法典第37編1.56項で定義された特許性の有無に関する重要な情報について開示義務があることを認識しています。

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

Application No.  
(出願番号)

Filing Date  
(出願日)

Status : Patented, Pending, Abandoned  
(現況) (特許許可済)、(係属中)、(放棄済)

**Japanese Language Declaration**  
(日本語宣言書)

私は、私自身の知識に基づいて本宣言書中で私が行う表明が真実であり、かつ私の入手した情報と私の信じることに基く表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基き、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

委任状： 私は下記の発明者として、本出願に関する一切の手續を米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。(弁護士、または代理人の氏名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

David G. Posz, Reg. No. 37701, Charles W. Bethards, Reg. No. 36453, R. Louis Breeden, Reg. No. 37286, James E. Barlow, Reg. No. 32377, Brian C. Altmiller, Reg. No. 37,271, Robert L. Scott, Reg. No. 43102, Teresa M. Arroyo, Reg. No. 50015 and all other attorneys and/or agents associated with PTO Customer No. 23400.

書類送付先： (Send Correspondence to)

David G. Posz, Esq., Posz & Bethards, PLC, 11250 Roger Bacon Drive, Suite 10, Reston, VA 20190, PTO Customer No. 23400

直接電話連絡先 (名前及び電話番号)： Direct Telephone Calls to (name and telephone number)

David G. Posz, Esq., (703) 707-9110

唯一または第一発明者 (Full name of sole or first inventor): Takatoshi Tanabe	
発明者の署名 (Inventor's Signature)	<i>Takatoshi Tanabe</i>
日付 (Date):	<i>25 Feb 2004</i>
住所 (Residence):	Ichinomiya-city, Japan
国籍 (Citizenship):	Japan
郵便住所 (Post Office Address): c/o DENSO CORPORATION 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan	

第二共同発明者 (Full name of second joint inventor): Satoshi Goshima	
発明者の署名 (Inventor's Signature)	<i>Satoshi Goshima</i>
日付 (Date):	<i>March 04, 2004</i>
住所 (Residence):	Tokyo, Japan
国籍 (Citizenship):	Japan
郵便住所 (Post Office Address): c/o Fuji Jukogyo Kabushiki Kaisha 7-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo, Japan	

☐ Additional Inventor(s) is (are) listed on the attached sheet which is incorporated herein by reference.



Based on PTO/SB/96(08-00)

### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: **DENSO CORPORATION**

Application No./Patent No. **10/654,981**

Filed/Issue Date: **September 5, 2003**

Entitled: **PASSENGER DETECTOR AND METHOD OF ADJUSTING THE SAME**

**DENSO CORPORATION**

(Name of Assignee)

, a

**Corporation**

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.

The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee, and consents on behalf of the assignee to the addition of Mr. Satoshi Goshima as an inventor in the above-identified pending application.

February 24, 2004  
Date

Hirohiko Usui

Typed or printed name

Signature

General Manager, Intellectual Property Dept.

Title



Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Attorney Docket No. 15-041

To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

(1) Takatoshi TANABE

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date(s): (1) August 23, 2003

2. Name and address of receiving party(ies)

Name: DENSO CORPORATION

Street Address: 1-1, Showa-cho  
Kariya-city, Aichi-pref.  
448-8661 JAPAN

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: (1) Month 08 Day 23 Year 03

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James E. Barlow

Internal Address: \_\_\_\_\_

Street Address: Posz & Bethards, PLC  
11250 Roger Bacon Drive, Suite 10

City: Reston State: VA Zip: 20190

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). . . . . \$ 40

- ☒ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1147

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James E. Barlow (Reg. No. 32,377)

Name of Person Signing

Signature [Signature]

September 5, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Alexandria, VA 22313-1450

COPY

66297-US-TO/cy  
Posz & Bethards, PLC

Attorney Docket No. 15-041

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

DENSO CORPORATION: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 JAPAN

as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in the United States of America and all foreign countries, to certain inventions known as

### PASSENGER DETECTOR AND METHOD OF ADJUSTING THE SAME

described in an application for Letters Patent of the United States executed

- (A) X on even date herewith  
(B) \_\_\_\_\_ on \_\_\_\_\_  
(C) \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_

as well as any and all continuations, divisions, and substitutes and reissues of said application for Letters Patent, and all Letters Patent that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing and maintaining patents for said inventions and for vesting title thereto in said Assignee.

The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, or by any convention which may be henceforth substituted therefor, as may be necessary in connection with said application for said Letters Patent.

The undersigned also authorize(s) Posz & Bethards, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

Takatoshi Tanabe  
Inventor 1: Takatoshi Tanabe

23  
August 22, 2003  
Date T.T. August 23, 2003

Shinichi Kiribayashi  
Witness